



The GARzette

The Official Newsletter of the Gwinnett Amateur Radio Society
November 2016 <http://www.gars.org/> Volume 25, Issue 11



November Meeting: "Massive Homebrew Show & Tell"



Photos Courtesy of <http://www.qsl.net/wd8das/gallery.html>

Message from the President

Fall is upon us and what does that mean? The Massive Homebrew Show & Tell meeting is here. Have you been working on that great project? Would you like to show it off? Well now is the time. The November meeting is where you can bring in that little (or big) home-brew project and show it off. I'm looking forward to seeing what everyone has been up to. There are always some surprises so you don't want to miss this meeting.

Also our next meeting in December will be our annual Holiday Party held at the EAA building. It won't look the same though. Tables will be laid out in holiday fashion and decoration. It will not be on the regular meeting night however. This year the holiday party will be held on Friday, December the 2nd. Doors open at 6:30 and we will get down to eating by 7:30. Please go to the gars.org website to get your meal tickets. Prices are \$12 for adults and discounts for the kids.

Don't forget HamJam 2016 on Saturday, November 19th sponsored by NFARL, SEDXC and others. This is an informative type forum for ham radio operators and is jammed packed with great speakers and very nice door prizes. Again there is more information can be found at www.hamjam.info and on the gars.org website with location and times.

Special thanks for those who helped out with the scouts JOTA (Jamboree on the Air) event this year. It was a great success, the bands were wide open and many scouts got to chat



"Special thanks for those who helped out with the scouts JOTA (Jamboree on the Air) event this year. It was a great success"

with other hams and JOTA participants. Also special congratulations to the 5 new hams that completed their curriculum and testing at the EOC on the same day as JOTA.

Last but not least is the 2016 Stone Mountain Hamfest and ARRL

Georgia State Convention coming up this weekend. GARS members will be pitching in to help out Alford Memorial Radio Club with the event. This year looks to be a great meeting

and so far it looks like the weather will hold out for us. Stop by the GARS table, the Gwinnett ARES trailer and support the vendors. There are some very nice forums planned for Saturday and Sunday so be sure to make both days. More information can be found at stonemountainhamfest.com.

Thanks and 73,

Rick Cobb, N4XXY

"It is not the class of license the Amateur holds, but the class of the Amateur that holds the license."

[Author Unknown]



GARS November Meeting

The Massive Home-Brew Show and Tell!

*Tuesday, November 8, 2016
7:00 pm*

Sports Aviation Complex—Hangar 1
690 Airport Road
Lawrenceville, GA 30045

Directions

INSIDE

Member QRZ Pages Pg 4
GARS Happenings Pg 5
SOTA Pg 6
Beginner's Corner Pg 10

GARS Communications

2 Meter Repeater 147.075(+) MHz 82.5 PL Tone	2 Meter Repeater 147.255(+) MHz 107.2 PL Tone
APRS 144.390 -- 1200 Baud W4GR	6 Meter Repeater 53.110 (-1 MHz) No PL tone
D-Star WD4STR 145.060 + (1.4 MHz) 440.550 + (5 MHz)	70 Cm Repeaters 444.525(+) MHz 82.5 PL Tone 442.100(+) 100 PL Tone

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Norm Schklar, WA4ZXV who prints copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the news letter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Editor: editor@gars.org
Bill Eggers—WB2RIS 470-238-9603



Member QRZ Pages

For a few months we will be featuring the QRZ page of various members of GARS.

This month we are featuring the QRZ page of :

AB4YL - Allison Lynch

When you click on the link below you will find this picture of her.

<http://qrz.com/lookup/AB4YL>

Read her notes and get to know her better.
You'll be glad you did.

Here is an excerpt from her page:

Welcome to my QRZ page. I am a legal assistant on the banking and finance team of an Atlanta law firm. I learned about amateur radio from my husband, Dale, AE8DL. I received my Technician ticket in February, 2013, upgraded to General in September, 2013, and to Extra in August, 2015. I enjoy being a ham very much and have met some wonderful people and made many friends in the ham community.



Watch for another featured GARS member QRZ page in next month's GARzette!

News, Press Releases, & General Interest

Don't Forget to "Fall Back" November 6th

This is the time of year when we turn back our clocks for the end of Daylight Saving Time (DST). As hams, we frequently need to convert from local time to Greenwich Mean Time (GMT). We now have to remember the difference between the Eastern time zone and GMT is 5 hours (until March, when we "spring ahead" to 4 hours).

Your smartphone probably has an app that can display time in more than one city simultaneously. If you're not sure how to display GMT, choose a city, such as Reykjavik, Iceland, which does not observe DST, and has a time offset of "GMT+0". This is what my phone shows as I'm creating this article:

73, Bill, WB2RIS, GARzette Editor

PS - You'll have an extra hour of sleep for the 2nd day of the Stone Mountain Hamfest!



GARS Happenings

October 15 - Jamboree On The Air (JOTA)

I want everyone who helped at today's JOTA to know how much I appreciate it. We had over a hundred youth attend and hopefully learn. We awarded over 30 Radio Merit badges and made contact with scouts around the world.

This could never happen without the help of VFW Post 5255, The Gwinnett Amateur Radio Society, Gwinnett Amateur Radio Emergency Service and Scouters from all over Northeast Georgia.

73, *Steve*, WB2OGY

October 15 - HamCram

We had a successful Ham Cram exam session on October 15th. We had 6 students in the class and exam session, and 5 of them passed their Technician license exams. Thanks to the following VE's on our team for their participation.

Dave Bruse, W4DTR - CVE

Sid Weaver, N4NQ - Co-CVE

John Davis, WB4QDX

Ralph Pickwick, KJ4CNC

Rick Cobb, N4XYY

Don Bagby, KK4NJM, - Co-CVE

Nick Doemland, AB4CQ

73, *Dave*, W4DTR



STONE MOUNTAIN HAMFEST
and ARRL Georgia State Convention

NOV. 5 - 6, 2016

The Largest Hamfest in Georgia!

SATURDAY: 8 AM — 4 PM
SUNDAY: 8 AM — 2 PM

The Gwinnett County Fairgrounds
2405 Sugarloaf Parkway, Lawrenceville, Ga 30045

<http://www.stonemountainhamfest.com>

TAILGATE, FLEA MARKET, FORUMS, DOOR PRIZES & RAFFLE!

Summits On The Air (SOTA)

SOTA Travelogue Western Blue Ridge Parkway

In the fall of 2016, I made a trip to activate Barnett Knob, Waterrock Knob, and Richland Balsam -- 3 simple summits on the western Blue Ridge Parkway. These 3 summits yield a total of 28 points in a single day. I set out early, with a goal of making S2S contacts with an activation scheduled nearby.

Reaching the Trailhead is Half the Adventure

Sometimes, getting to the trailhead can be half the battle. My drive took me through Cherokee, NC, where the Cherokee Harvest Half Marathon had the roads through town closed when I arrived. I got the bright idea of asking Google Maps to route me around it. 30 minutes later, Maps told me, "Turn left on Blue Ridge Parkway..." as I stood under an overpass, looking up at the bottom of the parkway (with no entrance ramp) thinking, "You are so thoroughly hosed."

I found my way back to Cherokee and on to the trailhead for Barnett, at a small, gated pull-off (BIA 506 on the map) at milepost 462.5.

Barnett Knob



Barnett Knob is an easy 15-minute walk, 0.6 miles up a dirt road. The summit has a fire tower and a cell station. I set up within the activation zone, but well away from the tower in order to avoid QRM.

I grabbed a quick pair of S2S with KI4SVM and WH6LE via HT, operating nearby on Steestachee Bald (W4C/WM-010). HF conditions were good, with 30 contacts in 30 minutes using SSB on 20 and 40 meters.

It's an easy walk (downhill) back to the trailhead.

Richland Balsam

Waterrock Knob would be the next logical summit from Barnett, but I knew Pete (WH6LE) was headed to Richland Balsam, so I drove past Waterrock. (Parkway tip: Allow extra travel time on the parkway because of sight-seers.) Parking for Richland is in a lot on the left, past milepost 431 and past the "Richland Balsam Highest Point on Parkway" sign. The paved trail is to your left as you face the picnic table from the lot.

It's a pretty walk up the trail among the fir trees. The pavement ends and the trail splits. You can take either fork (it's a loop), but I always take the right, ever since ran into a bees nest on the left. It's only 0.6 miles, but allow 25 minutes because it is steep. There are a number of false summits before you reach the sign at the true summit.

(Continued on Page 7)

Summits On The Air (SOTA)

SOTA Travelogue Western Blue Ridge Parkway (Cont'd)

I found Pete set up in a grove to the left of the trail when I arrived. We chatted and I set up a few wave-lengths away.

By this time, there was a contest filling the bands so I made a few voice contacts on 17 meters. (SOTA is an awards program, not a contest, so SOTA contacts on the WARC bands do not violate the no-contesting rule.) When I moved to 30 meters and CW, the real adventure began.

In the best of circumstances, I'm a marginal CW op, but this time I was having particular trouble sending. Of course, the first thing I did was to assume that the problem was me, and try again... and again. Eventually, I noticed that holding the dah paddle was sending dah-di-dah-di. I may be a tyro, but I'm pretty sure that's not the way it's supposed to work! I discovered that I could still send by holding the center contacts in place with my left hand while keying with my right. Not pretty, but enough to qualify the activation.

Waterrock Knob

Then it was on to Waterrock. Waterrock has a driveway between mileposts 450 and 451, with a big lot, a small store, and vault toilets. The trail is well marked and the first part is paved. It is very steep. Allow 30 minutes to walk the 0.4 miles, with plenty of rest brakes. It is recommended only for nimble hikers. While there is no view from Barnett or Richland, Waterrock has two very nice vistas.

Operating conditions were nice enough, yielding 30 HF contacts with SSB and CW and using 17, 20, and 40 meters.

Wrap-up

If you're interested in visiting these summits, here's a [route map to the 3 trailheads from Perimeter Mall](#). Barnett's elevation is 4652, and the other two are above 6000'. Drive/Hike guides can be found at:

[Barnett Knob - W4C/WM-055](#)

[Waterrock Knob - W4C/WM-004](#)

[Richland Balsam - W4C/WM-003](#)

See you on the summits!

73 DE K4KPK / *Kevin*

Where can I find out more?

K4KPK's site: <http://k4kpk.com/content/sota-menu>

Email me (K4KPK). My email address is available via <http://www.qrz.com/db/K4KPK>.

Bio

K4KPK, Kevin Kleinfelter is Georgia's first SOTA Mountain Goat. He has completed more than 190 activations.

Summits On The Air (SOTA)

Why Isn't That Mountain a SOTA Summit?

As you drive down the highway, you may see a tall, pointy hill to the side and think, "I'll bet that's a SOTA summit." When you get home, you check on [SOTA Maps](#) and discover it isn't. Then you may think, "Those lazy SOTA people. Why haven't they marked that as a summit?" (We may or may not be lazy, but that's not why it isn't a summit.)

What Are the Rules for a Summit?

Here are the rules for Georgia, the W4G region.

Summits are qualified for inclusion in the W4G SOTA program on the basis of topographic prominence which requires a minimum of 150 meters (492 feet) of vertical rise "above the lowest contour line encircling it and no higher summit" in order to qualify. Summit scoring is based upon the summit's height above sea level.



What That Means

Take a look at the photo. How many mountains do you see? One or two? Is the peak on the left a separate mountain, or is it a bump on the side of the taller mountain? This is the essence of the term *topographical prominence*.

It's not about elevation (height above sea level). It's about 'sticky-outiness.'

The low point between the two peaks in the photo is col. A col is the lowest point on a ridge between two peaks. Informally, it may be called a gap or a notch. The prominence of a mountain is its height above its highest col (its 'key col'). So a SOTA summit has to be 150 meters above its highest col. Otherwise, it is a bump on the side of a higher summit.

Recognizing a Summit

Imagine that you are standing on a hill. Imagine raising sea level until the hill you are standing on first becomes an island. The height above this new sea level is the prominence of your hill.

On some level, every hill in the USA is a bump on the side of Denali (Mount McKinley) because the Americas are surrounded by water. You can get from Denali to any other mountain in North America without having to swim in the ocean. Its prominence is 6141 feet. If you raise sea level a bit, you'd have to swim in order to make it to Mount Logan, and the distance from the sea level to summit of Mount Logan would be 5247 feet (its prominence).

(Continued on Page 9)

Summits On The Air (SOTA)

Why Isn't That Mountain a SOTA Summit? (Cont'd)

It is easy to spot prominence on a topographic map. Just find the lowest line that encircles only your mountain. If the line goes around two summits, one of those is a bump on the side of the other.

The diagram below is another way of looking at SOTA and prominence.



What's Different Elsewhere

Almost all SOTA regions (associations) follow the 150 meter prominence rule (the "P150 rule"). In a few exceptionally flat areas, the SOTA management team has approved a 100 meter prominence rule. Other rules for summit qualification remain the same.

There are a few SOTA associations with lots and lots (thousands) of qualified summits. In a few of these associations, the association manager is still working to catalog some of the summits.

Wrap-up

So now you know why that great hill over there isn't a qualified SOTA summit.

See you on the summits!

73 DE K4KPK / *Kevin*

Where can I find out more?

K4KPK's site: <http://k4kpk.com/content/sota-menu>

Email me (K4KPK). My email address is available via <http://www.qrz.com/db/K4KPK>.

Bio

K4KPK, Kevin Kleinfelter is Georgia's first SOTA Mountain Goat. He has completed more than 190 activations.

Beginner's Corner

Spreading the Word About Amateur Radio

A long time ago, I was a Cub Scout. One evening when we has a pack meeting, a ham radio operator came and set up a portable station. I remember he had an antenna mounted on his vehicle. I thought it was cool.

Years later, I was at a meeting and saw a presentation by several hams. One more than one occasion, I worked with amateur radio operators.

In all of my dealings with hams, I cannot recall ever being told, "You can become a ham radio operator, too."

Many people are aware of amateur radio. Many people are not. How do we get the word out?

There have been some events in the Greater Atlanta area that have helped spread the word about amateur radio. The most noticeable was the Maker Faire that took place in Decatur. Several amateur radio clubs got together and a super presentation about many aspects of amateur radio. Several people were amazed about what they had seen and heard.

Jamboree of the Air took place in October. I volunteered to help with a portable amateur radio setup on Lawrenceville. Numerous scouts completed the Radio Merit Badge. It was reported that over 100 scouts (Boy and Girl) turned out. Everyone was given a picture of what amateur radio was about. The presentation was geared to the kids. A whole bunch of scouts actually got on the air. Some of the kids really took to being on the air.

There are other opportunities to share the amateur radio experience, if we but look. The City of Lilburn has a National Night Out every August. The event is all about public safety. The Community Emergency Response Team (CERT) was there, along with the police and fire departments. What a great opportunity for amateur radio. With the blessing of the Gwinnett amateur Emergency Service (ARES), we set up a booth explaining amateur radio and how we help in emergencies. We had several people tell us they were interested in amateur radio, and even found a couple of inactive hams who expressed a desire to get back into the hobby! We also had people actually talk on the air over a simplex frequency. There was plenty of room for one or more amateur radio clubs, as well. (Club leadership, please take note!) See our display (minus people) in the picture.

The point is that there are several events that would love to include amateur radio. All we have to do is find them, get our clubs involved, and invite people to the hobby of a lifetime.

73 de *David Harden, KJ4CMY*



Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club and we have the membership and awards to prove it. Our club is a very busy and active club and we use the Monday night net to get the information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people that make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only fifteen primary people who serve as NCS for the GARS net every Monday night. In no particular order, they are:

Norm - WA4ZXV	Kyle - W4KDA	Mitch - N0DIM
Ruth - KM4LAO	Hal - W4IGE	Don - KW4AL
Ray - N4GYN	Sandy - KJ4DRO	John - WB4QDX
Bill - KK4AUA	David - KK4KAF	Kevin - KK4WOG
Chuck - KK4TKJ	Mike - KK4KHS	Donna - KM4FMW

As GARS Net Manager (Chuck KK4TKJ), I really need 26 people to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 45 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is.

73 and see you on the Nets!

Chuck McCord, KK4TKJ

GARS Net Manager



**Don't miss the “KNOW IT ALL” Net
Wednesday nights, 8:30-9:30 pm**



We have moved to a new format. We begin with current events and announcements. Then we Introduce New Technology. Then we have check-ins and general discussion. Post net is Rag Chew format.

Jeff—AB4HF

Everyone is having great fun on this net! Come join us and become a “KNOW IT ALL”.

TIME: 8:30 every Wednesday evening on the GARS repeater - 2m 147.075 + PL 82.5

GARS Membership Page

New GARS Members in October

Tommy Broom (K4THB)
Phillip Childs (KJ4VFO)
Gretchen Mann (KM4WGA)
Matthew Velker (KM4WQC)

New Members: 4

Total Members as of November 1, 2016
289

Join us for our weekly
breakfast gathering at
7:30 AM most Saturdays
at

Golden Corral
2155 Riverside Parkway
Lawrenceville, GA 30043

[\(Directions\)](#)

The following members are
celebrating birthdays
in November:

HAPPY BIRTHDAY!!
From All of Us at GARS

John Bachtel (NR4JB)
Tommy Broom (K4THB)
Julia Collier
Lasburne Colquhoun (KK4IQG)
Kenneth Dalton (KI4BQS)
William Grube (KM4NIM)
Omar Herrera (KB2FYS)
John Kludt (K4SQC)
Karen Kregel (KC6JCX)
Andrea Lynch (KM4OKX)
Allison Lynch (AB4YL)
Louis Manglass Jr (NY4F)
Gretchen Mann (KM4WGA)
Norbert Nikley (N0NCQ)
Lou Riccio (KM4PUF)
Nancy Sanctuary (KD4MZI)
Jack Shipley (W4UVQ)
Andre Steyn (W7ALS)
Robert Stranyak (KK4KIL)
Stephen Urmano (WB2AKH)
James Webb (W4NTA)
Nova Whatley (KF4HLG)
William Wisenburg (KM4ONE)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail
towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.),
please e-mail the Membership Committee - membership@gars.org

You can **renew or update** your Amateur Radio license information with the FCC at their website for free
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP
Committee Members: Dave Bruse, W4DTR, Pam Meridy, WB1AKQ

ARRL CONTESTING INFO

From ARRL Contest Calendar

>>> NOTE: For more information click the links <<<

November 2016

- 5-7 [Nov. Sweepstakes – CW](#)
- 19-21 [Nov. Sweepstakes – Phone](#)
- 19-20 [EME - 50 to 1296 MHz](#)

December 2016

- 2-4 [160 Meter](#)
- 10-11 [10 Meter](#)
- 18 [Rookie Roundup-CW](#)

January 2017

- 1 [Straight Key Night](#)
- 7 [Kid's Day](#)
- 7-8 [RTTY Roundup](#)
- 21-23 [January VHF Sweepstakes](#)

February 2017

- 13-17 [School Club Roundup](#)
- 18-19 [International DX - CW](#)

March 2017

- 4-5 [International DX - Phone](#)

April 2017

- 16 [Rookie Roundup - SSB](#)

June 2017

- 10-12 [June VHF QSO Party](#)
- 18 [Kid's Day](#)
- 24-25 [Field Day](#)

July 2017

- 8-9 [IARU HF World Championship](#)

August 2017

- 5-6 [222 MHz and Up Distance Contest](#)
- 19-20 [10 GHz and Up - Round 1](#)
- 20 [Rookie Roundup - RTTY](#)

September 2017

- 9-10 [EME - 2.3 GHz and Up](#)
- 9-11 [September VHF QSO Party](#)
- 16-17 [10 GHz and Up - Round 2](#)

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

Southeast US

11/05/2016 | [Georgia State Convention \(Stone Mountain Hamfest\)](#)

Location: Lawrenceville, GA
Type: ARRL Convention
Sponsor: Alford Memorial Radio Club
Website: <http://www.stonemountainhamfest.com>

11/19/2016 | [Alabama State Convention \(MARC Hamfest 2016\)](#)

Location: Montgomery, AL
Type: ARRL Convention
Sponsor: Montgomery Amateur Radio Club
Website: <http://www.arrl.org/hamfests/alabama-state-convention-marc-hamfest-2016>

01/14/2017 | [TechFest 2017](#)

Location: Lawrenceville, GA
Type: ARRL Convention
Sponsor: Gwinnett Amateur Radio Society
Website: <http://www.techfest.info>

01/21/2017 | [Georgia ARES convention](#)

Location: Forsyth, GA
Type: ARRL Convention
Sponsor: Georgia ARES
Website: <http://gaares.org>

02/10/2017 | [Southeastern Division Convention \(Orlando Hamcation®\)](#)

Location: Orlando, FL
Type: ARRL Convention
Sponsor: Orlando Amateur Radio Club
Website: <http://www.hamcation.com>

For more information:
<http://www.arrl.org/hamfests-and-conventions-calendar>



BSA Venture Crew 73 Wants You!

Venture Crew 73 is for you.

If you are between 14 and 21 years old, enjoy outdoor activities, and have an interest in radio technology

- Venture Crews are part of the Boy Scouts of America.
- *Venture crew 73 is chartered by the Gwinnett Amateur Radio Society.*
- Venture crew 73 is coed.
- *Meetings are on the second Tuesday of the month, 7:00 pm, at EAA 690 Hangar at:
Briscoe Field - Sports Aviation Complex
Hangar 1, 690 Airport Road
Lawrenceville, GA 30045*
- Crew 73 is a youth-run organization, which means that our Crew President and other youth plan the Crew's outings and activities each month.

We enjoy:

- ◊ Camping
- ◊ Hiking
- ◊ Horseback Riding
- ◊ Shooting Sports

- Crew activities usually mix high adventure and the use of Amateur Radio.
- For more information, attend our next meeting or contact:

Steve Back, WB2OGY

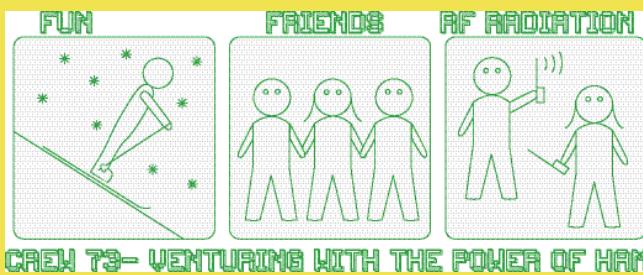
Venture Crew 73 Committee Chairman
Phone: 770-712-9069

E-mail: committeechair@venturecrew73.org

Kevin McClure, KF4HFN

Venture Crew 73 Advisor
Phone: 706 318 2519

Email: advisor@venturecrew73.org



G A R S Officers and Committee Chairs

Rick Cobb, N4XYY



Mike Weathers, ND4V
Vice President



Nick Doemland, AB4CQ
Secretary



Sid Weaver, N4NQ
Treasurer



Nick Nikley, N0NCQ
Program Manager



Karen Albritton KI4HPP
Membership Chair



Dave Bruse, W4DTR
Ham Exam Team Leader



David Adcock, KA4KKF
Webmaster, Field Day Chair



Dorothy Jubon, N2DLJ
Public Information Officer



Ralph Pickwick KJ4CNC
TechFest Chair, Apparel Mgr,
Education Chair



Bill Eggers, WB2RIS
GARzette Editor



Jeff Cutchins AB4HF
Multimedia Chair



John Ackermann, N8UR
W4GR Trustee



Eddie Foust, WD4JEM
Repeater Chair



Mike Weathers, ND4V
WAS-Checker, Historian



Chuck McCord, KK4TKJ
Net Manager



Mike Swiderski, K4HBI
Technical Advisor



Mitch Matteau N0DIM
Winter Field Day



Pam Meridy WB1AKQ
QSO Party and VHF Contest
Chair



DIRECTORS

Kyle Albritton W4KDA



David Adcock KA4KKF



Norm Schklar WA4ZXV



EXTRA! EXTRA!

No December Meeting

**Christmas Party at the EAA Hangar
Friday, December 2 at 6:30 PM**

See <http://www.gars.org/>
to purchase dinner with Paypal

Repeater Status

147.075 operational in Snellville
147.255 operation in Snellville
444.525 operational in Snellville
Link remote receivers being added
442.100 operational at Goshen Springs
145.590 operational at Bogan Road
6M currently down

L&M Mobility
Robert (Mike) Smith
5191 La Paloma Dr.
Lilburn, GA 30047
Phone (404)-509-3104
Smithrm70@hotmail.com

SERVICE & REPAIR
Power Chairs • Lift Chairs • Scooters

GARS Recurring Calendar

- ◆ Monthly club meeting is the 2nd Tuesday of the month at 7 pm
- ◆ Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net + 8:30 pm: ARES Training on the GARS 147.075 MHz repeater
- ◆ Every Wednesday at 8:30 pm: GARS Know It All Net on the GARS 147.075 MHz repeater
- ◆ Every Saturday at 7:30 am: GARS Weekly Breakfast, Golden Corral Restaurant, Riverside Drive, Lawrenceville
- ◆ Second Sunday at 2:00 pm: GARS Ham Exam Session, Fire Station #24 2735 Mall of Georgia Blvd Buford, GA 30519

OCTOBER MEETING MINUTES

Rick, N4XYY, called the meeting to order at 7:07pm

First time visitors were welcomed and roundtable introductions were made. Ticket upgrades were recognized: Attendance: 66

General Business

Sid, N4NQ, gave the treasure's report. Voting took place and the treasure's report was approved

Karen, KI4HPP, gave the membership report: GARS has 291 members.

NOTE: Rick reminded us that our designation as a "Special Service Club" requires that 50% of membership also be an ARRL member (GARS receives a portion of the sign-up and renewal fee. see Sid, N4NQ for details)

Nick, N0NCQ, Program Manager announced that November's program will be our "Massive Home Brew Show & Tell"

Future Programs (2017)

January 10th - Zygmunt Skrobanski, AF4MP, "Voice of America Prediction Software"

February 14th—Greg Abernathy, A14UD "Electric Magnetic Pulse" (EMP)

March 8th - Jim Reed, N4BFR "Raspberry Pi in you ham shack"

April 12th - Randall Farmer, N4FET "Battle Bots - Team Bombshell"

Event Recaps & General Updates

- Maker Faire – Norm thanked everyone who came out and helped. Estimate over 12-15k people in attendance. Biggest draw in our booth as always was the teletype machine and CW.
- National Parks on the Air (NPOTA) – Chattahoochee National Recreation Area (Abbots Bridge Unit):
 - 277 contacts made off 2 stations (24 CW & 253 SSB)
 - Ruth, KM4LAO winner for most CW contacts and Bill, WB4WTN winner for most SSB contacts
 - Achieved 5 Star Activator Status (still hunting for a satellite contact)
 - NOTE: Looking to do one more activation before the end of the year stay tuned
- Holiday Party – Rick, N4XYY advised that we have identified a potential cater (5 Spot Café) for the holiday party. We have also set a date of Friday, December 2nd and a location EAA hanger.

Net Schedule

- GARS Want, Swap, Sell and Information, Monday's @ 7:30pm
- ARES Training , Monday's @ 8:30pm
- Know-it-All, hosted by Jeff, AB4HF, Wednesday's @ 8:30pm

Program

Rick, N4XYY and Nick, N0NCQ presented Ryan Kovacs, KK4OSG with a certificate of appreciation for his discussion and stories around Summits on the Air (SOTA).

Upcoming Events ([for additional details go to www.GARS.org](http://www.GARS.org))

NPOTA – 9/17 (Rain Date 10/22)
Jamboree On the Air (JOTA) – 10/15
Technician HamCram – 10/15
NPOTA – tentative date of 10/22
Stone Mountain Hamfest – 11/5-6
HamJam – 11/19
Holiday Party—12/2

Meeting concluded around 9:00pm

Nick, AB4CQ, Secretary

EXTRA! EXTRA!

GARS Calendar of Events for 2016 / 2017

- GARS Breakfast - Every Saturday morning
- GARS Ham Exam Session - 2nd Sunday every month
- TechFest January 14 (2017)
- Winter Field Day January 28 & 29 (2017)
- Georgia QSO Party April 9 & 10
- North metro area Fox Hunt April
- May Madness May 6 - 15
- Satellites in the Park May 21
- Memorial Day Parade May 30
- ARC/KARC Hamfest 1st Saturday of June
- Field Day June 25 & 26
- W4GR Spcl Event - 40th Anniv. Summer-TBA
- Maker Faire October 1 & 2
- Sept VHF/UHF Contest September 10
- Stone Mt. Hamfest November 5 & 6
- JOTA - 3rd Weekend of ... October 15
- HamCram October 15
- Christmas Party December 2

Georgia Section Manager Changing on November 1

10/20/2016 - Georgia Section Manager Gene Clark, W4AYK, of Albany, has announced that he's stepping down at the end of October, after serving since October 2009. David Benoist, AG4ZR, of Senoia, has been appointed as Georgia Section Manager, effective November 1, to complete the current term of office, which extends until September 30, 2017.

When a Section Manager vacancy occurs between elections, the position is filled by appointment. Clark recommended to Field Services and Radiosport Manager Dave Patton, NN1N, that Benoist succeed him. Patton then consulted with South-eastern Division Director Doug Rehman, K4AC, before making the appointment.

Benoist has served as Georgia Section Emergency Coordinator and as an Emergency Coordinator.

Source: <http://www.arrl.org/news/georgia-section-manager-changing-on-november-1>

GARS CALENDAR OF EVENTS FOR NOVEMBER 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5 7:30 - 9:30 am Breakfast Stone Mt. Hamfest 8 AM - 4 PM
6 Stone Mt. Hamfest 8 AM - 2 PM End of DST - Adjust Clock Backward	7 7:30 - 8:00 pm GARS 2m Net	8 5:00 - 6:30 PM Dinner at Flying Machine 7:00 - 9:00pm GARS Meeting	9 8:30 - 9:30 pm GARS Know-It-All Net	10	11	12 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
13 GARS_VE_Team Testing Session 1:45 to 4:00pm Gwinnett Co. Fire Station #5	14 7:30 - 8:00 pm GARS 2m Net	15	16 8:30 - 9:30 pm GARS Know-It-All Net	17	18	19 7:30 - 9:30 am Breakfast HamJam 8 AM - 1 PM
20	21 7:30 - 8:00 pm GARS 2m Net	22	23 8:30 - 9:30 pm GARS Know-It-All Net	24 HAPPY THANKSGIVING	25	26 7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive
27	28 7:30 - 8:00 pm GARS 2m Net	29	30 8:30 - 9:30 pm GARS Know-It-All Net			7:30 - 9:30 am Breakfast at Golden Corral Riverside Drive

Metro Testing Sessions

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>.

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)
VEC: WCARS
Braselton Public Utility Building
4986 Highway 53, Braselton, GA
Roger Gibson, WB4T
(770) 271-4210 or (770) 712-9560
w4rlg@bellsouth.net

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)
VEC: WCARS
Hall County EOC
470 Crescent Dr. Gainesville, Ga.
Perry Roper, KO4RD
(770) 536-3056

Second Saturday

10:00 AM
Alpharetta North Park, Adult Activities Center
13450 Cogburn Rd, Alpharetta, GA 30004
Ian Kahn, KM4IK
E-mail: km4ik.ian@gmail.com

Second Saturday, ODD Months

VEC: ARRL
8:30 a.m.
GMC Community Ctr
5325 Leon St.
Stone Mountain, GA
Frank Haynes, KV4SP
(678) 467-3712

Second Sunday

VEC: W5YI
2 pm
Fire Station #24
Mall of Georgia Boulevard
Buford, GA 30519
Contact: Dave Bruse, W4DTR
E-mail: exams@gars.org

Third Saturday

VEC: W5YI
2 pm @ Barrow Co. Emerg. Serv. Bldg
66 McElroy Street
Winder, GA 30680
Steve Donellan, N5SMD
(404) 520-0368
E-mail: n5smd@comcast.net

(cont. next column)

Ham Exam Results

October results

We had another good test session on October 9. We had four applicants - 2 upgraded to General and two upgraded to Technician.

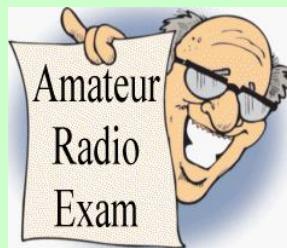
Many thanks to these VE's who made the exam possible:
Bill Cherepy, WB4WTN
David Bruse, W4DTR - CVE
Steve Back, WB2OGY
Rick Cobb, N4XYY
Nick Doemand, AB4CQ
Don Bagby, KK4NJM, - Co-CVE
Robert Pursley, WD4KQQ

73,

Sid Weaver, N4NQ (Co-CVE)

GARS VE Team Leader
E-mail: exams@gars.org

GARS VE Website:
http://groups.yahoo.com/group/GARS_VE_Team/



Fourth Tuesday

ARRL VEC
7 pm @ United Way Service Center
6279 Fairburn Rd., Douglasville
Jessie Clower, KB4WFK
(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech
VanLeer Elec. Building
Rm. W218, 777 Atlantic Dr.
For more information go to
www.w4aql.com and click on "Test Sessions"

Metro Club Meetings

First Tuesday

Kennehoochee ARC
Downtown Marietta
Fire Station #1, Training Room
112 Haynes Street
Marietta, Georgia 30060
Meeting begins at 7:00pm
Talk In 146.880(-)

First Thursday

Atlanta Radio Club
Georgia Red Cross HQ
1955 Monroe Dr., Atlanta
Meeting is at 7:30pm
Talk In -146.820(-)

N.E. Georgia ARC
Commerce Public Library
1344 South Broad Street, Commerce
Meeting is at 6:30pm
Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC
Room W218
Van Leer Electrical Engineering Bldg.
Georgia Tech Campus
Meeting at 7:00pm

Second Thursday

Alford Memorial Radio Club
Annistown Road Baptist Church
Annistown Rd & Spain Rd
Stone Mountain
Dinner at 6:00pm, Meeting at 7:30pm
Talk In - 146.760(-)

Second Saturday

North GA QRP Club
Board Room of The Shepherd Center
2020 Peachtree Rd, NW, Atlanta
at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League
Alpharetta Recreation & Parks Dept
Alpharetta Adult Activity Center
13450 Cogburn Road
Alpharetta, GA 30004
meeting at 7:30pm
Talk In - 145.47(-)

For more information, go to: <http://www.gars.org/>

WORLD WIDE DISTRIBUTION



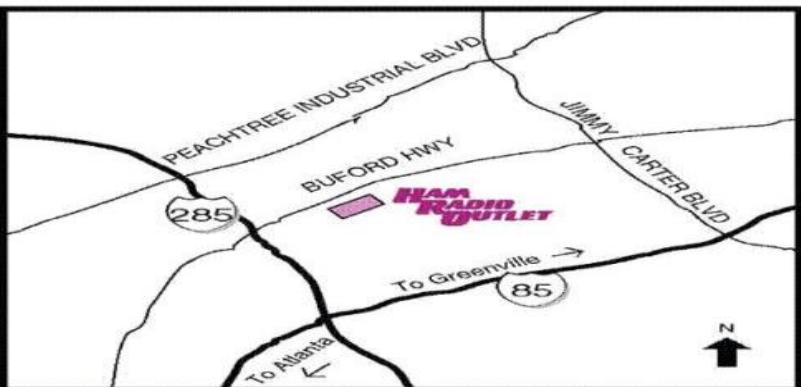
Mark Holmes
Manager
KJ4VO

6071 Buford Highway
Atlanta, GA 30340 (Doraville)
770-263-0700 1-800-444-7927
Fax: 770-263-9548
e-mail: atlanta@hamradio.com
hours: 10 a.m. - 5:30 p.m. Mon.-Sat.

John, KI4LMA
Jim, N1ABM

Bill, W5RQR
Josh, W4JDH

David, AI4XL
Brian, WD4DX



Alinco
Icom
Japan Radio Corp.
Premier
ADI
Yaesu
Alpha Delta
Arrow
Butternut
Create
Kenwood
Tarheel
Heil
West Mountain

Cushcraft
Diamond
Force 12
Hustler
Hy-Gain (Telex)
KLM
Larsen
M2
Valor
Van Gorden
MFJ
Ameritron
Comet

INTERBOROREFRIGERATION
HVAC/R

All branch Ice Machine

Licensed by E.P.A

Central A/C - Heater and Water Heater

All Commercial Refrigeration Systems

Ice Cream Freezer

All Jobs Guaranteed

Walk-in Box Cooler

Reparation & Maintenance

Luis Castellanos
owner

Address: 470 Bay lake pass,
Lawrenceville, GA 30046

Tel.: 610-816-8744
Email: cel-piloto52@hotmail.com

30 years of Experience

Finally
A clog-free gutter
with no fine print.

The Real
GUTTER PROTECTOR
NO CLOGS, NO OVERFLOW, GUARANTEED.

You'll never have to clean your gutters again. The Real Gutter Protector's Waterloov® System uses a patented design that slows water more effectively and draws water in more completely, with smaller openings that keep out more debris. <http://www.realgutterprotector.com>

Atlanta, Georgia - (770) 630-1582

Real Estate Broker



SHARON ADCOCK

*CRS, GRI, e-Pro,
Relocation Expert,
Associate Broker*

www.SharonAdcock.com
2920 Ronald Reagan Blvd
Cumming, GA 30041



Buying*Selling*Investing
For Any Real Estate
Matters

There has never been a
better time to invest in Real
Estate

**Inventory is LOW
It's a Seller's Market**

Sharon@
SharonAdcock.com
Cell: 404-428-9127
eFax 678-679-1383